

## PATENT COOPERATION TREATY

PCT

## NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

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Date of mailing (day/month/year)

07 November 2000 (07.11.00)

International application No.

PCT/US99/04748

Applicant's or agent's file reference

CM2045F/JH

International filing date (day/month/year)

03 March 1999 (03.03.99)

Priority date (day/month/year)

Applicant

CROOK, Teresa, Barbara et al

1. The designated Office is hereby notified of its election made:



in the demand filed with the International Preliminary Examining Authority on:

07 September 2000 (07.09.00)



in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was

was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO  
34, chemin des Colombettes  
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Authorized officer

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## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>7</sup> :</b> <b>A61K 7/00, 7/48</b>	<b>A3</b>	<b>(11) International Publication Number:</b> <b>WO 00/51551</b> <b>(43) International Publication Date:</b> 8 September 2000 (08.09.00)
<b>(21) International Application Number:</b> PCT/US99/04748 <b>(22) International Filing Date:</b> 3 March 1999 (03.03.99) <b>(71) Applicant (for all designated States except US):</b> THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> CROOK, Teresa, Barbara [GB/GB]; 65 Bloomsbury Way, Hawley Hill, Camberley, Surrey KT13 8XF (GB). DATE, Robert, Francis [GB/GB]; The Croft, Fernhill Park, Hook Heath, Woking, Surrey GU22 0DL (GB). BECK, Petra, Helga [DE/GB]; 15 Longlands Way, Heatherside, Camberley, Surrey GU15 1RH (GB). WEBSTER, Jonathan, David [GB/GB]; 27A, Fortescue Road, Weybridge, Surrey KT13 8XF (GB). DUFFY, Lisa, Catherine [IE/GB]; 3 The Brambles, Shortwood Common, Staines, Middlesex TW18 4NS (GB). <b>(74) Agents:</b> REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).		<b>(81) Designated States:</b> AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i>  <b>(88) Date of publication of the international search report:</b> 2 November 2000 (02.11.00)
<b>(54) Title:</b> SKIN CARE COMPOSITIONS  <b>(57) Abstract</b> <p>The present invention relates to topical compositions for effecting immediate improvements in the appearance and feel of skin, in addition to providing chronic improvements in skin appearance. The compositions comprise: a) from 0.1 % to 10 % of an organic particulate material having a refractive index of from 1.3 to 1.7, the particulate material being dispersed in the composition and having a volume average particle size in the range of from about 10 to about 30 <math>\mu\text{m}</math>; b) from about 0.05 % to about 2.5 % by weight of a green, platelet-type interference pigment material having a <math>\text{TiO}_2</math> layer thickness of from about 120 nm to about 160 nm or a whole number multiple thereof; c) from about 0 % to about 3 % of an inorganic matting agent; and d) a dermatologically acceptable, topical carrier. Additional chronic improvements in skin conditions are effected by including a chronic active selected from Vitamin B3 compounds, retinoids, and mixtures thereof. Particularly preferred embodiments are oil in water emulsions for non-facial application.</p>		

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## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 99/04748

## A. CLASSIFICATION OF SUBJECT MATTER

A61K7/00, A61K7/48

According to International Patent Classification (IPC) or to both national classification and IPC 7

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61K7/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5486354 A (DEFOSSEZ ET AL.) 23 January 1996, column 3, lines 32-39, 45-49, column 3, line 64 - column 4, line 6, examples, claims. --	1, 2, 4, 9-15
X	US 5676934 A (SIEGFRIED) 14 October 1997, example 1, claims. --	1, 2, 4, 9-17
X, Y	WO 98/47470 A (THE PROCTER & GAMBLE COMPANY) 29 October 1998, pages 20, 21, page 24, line 23 - page 25, line 3, examples, claims. --	1-17



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

- \* "A" document defining the general state of the art which is not considered to be of particular relevance
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- \* "O" document referring to an oral disclosure, use, exhibition or other means
- \* "P" document published prior to the international filing date but later than the priority date claimed

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- \* "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \* "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \* "&" document member of the same patent family

Date of the actual completion of the international search  
27 April 2000

Date of mailing of the international search report

17.08.00

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 99/04748

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 98/22085 A (THE PROCTER & GAMBLE COMPANY) 28 May 1998, page 31, example 3. -----	1-17

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 99/04748

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 14-17  
because they relate to subject matter not required to be searched by this Authority, namely:

Remark: Although claims 14-17 are partially directed to a method of treatment of the human body by surgery or therapy (PCT, Rule 39.1(iv)) the search has been carried out and based on the alleged effects of the component/compositions.

2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest.

☐ No protest accompanied the payment of additional search fees.

**ANHANG**

Zum internationalen Recherchenbericht über die internationale Patentanmeldung Nr.

**ANNEX**

To the International Search Report to the international Patent Application No.

**ANNEXE**

Au rapport de recherche international relatif à la demande de brevet international n°

**PCT/US 99/04748 SAE 270912**

In diesem Anhang sind die Mitglieder der Patentfamilien der im obengenannten internationalen Recherchenbericht angeführten Patentdokumente angegeben. Diese Angaben dienen nur zur Unterrichtung und erfolgen ohne Gewähr.

This annex lists the patent family members relating to the patent documents cited in the above-mentioned search report. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

La présente annexe indique les membres de la famille de brevets relatifs aux documents de brevets cités dans le rapport de recherche international visée ci-dessus. Les renseignements fournis sont donnés à titre indicatif et n'engagent pas la responsabilité de l' Office.

Im Recherchenbericht angeführte Patentdokumente Patent document cited in search report Document de brevet cité dans le rapport de recherche	Datum der Veröffentlichung Publication date Date de publication	Mitglied(er) der Patentfamilie Patent family member(s) Membre(s) de la famille de brevets	Datum der Veröffentlichung Publication date Date de publication
US A 5486354	23-01-1996	WO A1 9314739	05-08-1993
		DE C0 69301870	25-04-1996
		DE T2 69301870	24-10-1996
		EP A1 577820	12-01-1994
		EP B1 577820	20-03-1996
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		AT E 135561	15-04-1996
		CA AA 2107093	01-08-1993
		ES T3 2086932	01-07-1996
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US A 5676934	14-10-1997	US A 5445815	29-08-1995
WO A1 9847470	29-10-1998	AU A1 66320/98	13-11-1998
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		WO A2 9822075	28-05-1998
		ZA A 9804255	25-11-1998
		GB A0 9624305	08-01-1997